

**BOBBY JINDAL**  
GOVERNOR



**HAROLD LEGGETT, PH.D.**  
SECRETARY

**State of Louisiana**  
**DEPARTMENT OF ENVIRONMENTAL QUALITY**  
**ENVIRONMENTAL SERVICES**

Certified Mail No.:

Activity No.: PER20080001  
Agency Interest No.: 159631

Mr. Darren Small  
Castex Energy, Inc.  
4111 Highway 311  
Houma, LA 70360

RE: Permit, Joe McHugh Field Production Facility #1, Castex Energy, Inc., Des Allemands, Lafourche Parish, Louisiana

Dear Mr. Small:

This is to inform you that the permit request for the above referenced facility has been approved under LAC 33:III.501. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets, and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Also enclosed is a document entitled "General Information." Please be advised that this document contains a summary of facility-level information contained in LDEQ's TEMPO database and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Permit Support Services Division, at (225) 219-0075 or email your changes to [facupdate@la.gov](mailto:facupdate@la.gov).

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

The permit number cited below and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

Permit No.: 1560-00267-00

Sincerely,

Cheryl Sonnier Nolan  
Assistant Secretary  
CSN: BTN

**AIR PERMIT BRIEFING SHEET  
AIR PERMITS DIVISION  
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Joe McHugh Field Production Facility #1  
Agency Interest No.: 159631  
Castex Energy, Inc.  
Des Allemands, Lafourche Parish, Louisiana**

**I. BACKGROUND**

Castex Energy Inc. proposes to construct and operate a gas treating facility, Joe McHugh Field Production Facility #1, located in Lafourche Parish.

**II. ORIGIN**

A permit application dated July 28, 2008 was received requesting a permit. Additional information dated May 29, 2009 was also received.

**III. DESCRIPTION**

Production from the Breazeale et al #1 and Leroy J. Foret et al No. 1 is routed through individual line heaters and then high pressure separators. Gas from the Breazeale et al #1 high pressure separator is compressed and discharged to a glycol unit for drying and then piped to a "JT unit". Gas from the Leroy J. Foret et al No. 1 high pressure separator is also routed to the glycol unit for drying. The JT unit is designed to drop out liquids from the process by dropping the pressure across a throttling valve. Condensed liquids are dumped from the JT unit to a bulk heater treater. Vapors from the glycol still column are routed through a condensing unit where liquids are collected and effluent vapors are piped to a control flare for combustion. The glycol dehydration unit is equipped with a glycol pump flash separators are routed to individual low pressure separators. Off-gas from the low pressure separators is compressed and piped off-site for sales. Oil from the low pressure separators is routed to the bulk heater treater for further separation. Off-gas from the heater treater is routed to the control flare for combustion. Water from the low pressure separators and any water from the heater treater is routed to a gun barrel tank for gravity separation and then routed to a tank for storage until loaded by marine barge for disposal. Oil from the heater treater is routed to on-site tanks for storage until pumped offsite for sales. Vapors from the oil, gun barrel and water tanks are piped to the control flare system for combustion, except during brief intervals when thief hatches are opened for purposes of gauging, sampling, etc. Various blowcase vessels, generators, gas operated pumps and insignificant storage tanks are also utilized at the facility.

Estimated emissions from this facility in tons per year are as follows:

Pollutant	Proposed Emissions
PM <sub>10</sub>	1.00
SO <sub>2</sub>	0.06
NO <sub>x</sub>	75.09

**AIR PERMIT BRIEFING SHEET**  
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**Castex Energy, Inc.**  
**Des Allemands, Lafourche Parish, Louisiana**

Pollutant	Proposed Emissions
CO	91.92
VOC*	34.53

  

LAC 33:III. Chapter 51 Toxic Air Pollutants TAP's	Emissions in Tons per year
2,2,4-Trimethylpentane	0.07
Benzene	0.74
Ethylbenzene	0.03
Formaldehyde	0.83
Methanol	0.12
n-Hexane	0.73
Toluene	0.49
Xylenes	0.21
Total TAP's	3.22
Other VOC's	31.31
Total VOC	34.53

#### **IV. TYPE OF REVIEW**

This permit was reviewed for compliance with Louisiana Air Quality Regulations, New Source Performance Standards (NSPS), and National Emission Standards for Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD) does not apply.

This facility is a minor source of LAC 33:III.Chapter 51 Toxic Air Pollutants (TAPs) and an area source of 40 CFR 63 Subpart HH Hazardous Air Pollutants (HAPs).

#### **V. PUBLIC NOTICE**

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 2003, and in the <local paper>, <local town>, on <date>, 2003, and submitted to the <local library> Parish Library on <date>. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

**AIR PERMIT BRIEFING SHEET**  
**AIR PERMITS DIVISION**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Joe McHugh Field Production Facility #1**  
**Agency Interest No.: 159631**  
**Castex Energy, Inc.**  
**Des Allemands, Lafourche Parish, Louisiana**

#### **VI. EFFECTS ON AMBIENT AIR**

Emissions associated with the proposed facility were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions

#### **VII. GENERAL CONDITION XVII ACTIVITIES**

Work Activity	Schedule	PM <sub>10</sub>	Emission Rates - tons			
			SO <sub>2</sub>	NO <sub>x</sub>	CO	VOC
Miscellaneous	4 times/month					0.25
Sampling Procedures						
Compressor						3.00
Blowdown Associated with Regular Maintenance						
Line Preparation						0.25
Vessel Preparation						0.20
Filter Replacement						0.05
Instrumentation						0.10
Mechanical Work						
Tank Cleaning for Inspection/Service						0.38

#### **VIII. INSIGNIFICANT ACTIVITIES**

ID No.:	Description	Citation
1-09-LH-	Line Heater-Burner Stack (1.5 MM BTU/hr)	LAC 33:III.501.B.5.A.1
2-09-LH-	Line Heater-Burner Stack (1.0 MM BTU/hr)	LAC 33:III.501.B.5.A.1
3-09-LH-	Line Heater-Burner Stack (0.5 MM BTU/hr)	LAC 33:III.501.B.5.A.5
28-09-CST	4-Chemical Storage Tanks (200 gallons each)	LAC 33:III.501.B.5.A.2
26-09-GST	Glycol Storage Tank (300 gallons)	LAC 33:III.501.B.5.A.3
27-09-LOT	4-Lube Oil Tanks (500 gallons each)	LAC 33:III.501.B.5.A.3

General Information

**All ID: 159631 Joe McHugh Field Production Facility #1**  
**Activity Number: PER20080001**  
**Permit Number: 1560-00267-00**  
**Air - Minor (Synthetic) Initial**

Also Known As:	ID	Name	User Group	Start Date
	1560-00267	CDS Number	CDS Number	07-29-2008
	LAG33A880	LPDES #	LPDES Permit #	01-29-2009
		Joe McHugh Field Production Facility #1	Multimedia	07-29-2008
		Castex Energy Inc	Multimedia	07-29-2008
Physical Location:		1.4 Mi SSW of Des Allemands, LA 70000	Main Phone:	9857901398
Mailing Address:		333 N Houston Pkwy E Ste 1060 Houston, TX 77060		
Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Ronald Ivy	333 N Sam Houston Pkwy E Ste 1060 Houston, TX 77060	2814478601 (ext 46)	Responsible Official for
	Ronald Ivy	333 N Sam Houston Pkwy E Ste 1060 Houston, TX 77060	2814471009 (WF)	Responsible Official for
	Ronald Ivy	333 N Sam Houston Pkwy E Ste 1060 Houston, TX 77060	2814478601 (ext 46)	Air Permit Contact For
	Ronald Ivy	333 N Sam Houston Pkwy E Ste 1060 Houston, TX 77060	2814471009 (WF)	Air Permit Contact For
	Darren Small	333 N Sam Houston Pkwy E Ste 1060 Houston, TX 77060	9857901398 (WP)	Water Permit Contact For
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Castex Energy Inc	333 N Sam Houston Pkwy E Ste 1060 Houston, TX 77060	2814478601 (WP)	Operates
	Castex Energy Inc	333 N Sam Houston Pkwy E Ste 1060 Houston, TX 77060	2814478601 (WP)	Air Billing Party for
	Castex Energy Inc	333 N Sam Houston Pkwy E Ste 1060 Houston, TX 77060	2814478601 (WP)	Water Billing Party for
	Castex Energy Inc	333 N Sam Houston Pkwy E Ste 1060 Houston, TX 77060	2814478601 (WP)	Owns

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Tommie Milam, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.

**INVENTORIES**

**AI ID: 159631 - Joe McHugh Field Production Facility #1**  
**Activity Number: PER20080001**  
**Permit Number: 1560-00267-00**  
**Air - Minor (Synthetic) Initial**

**Subject Item Inventory:**

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
<b>Joe McHugh Field Production Facility #1</b>						
EQT 0001	4-09-GR-BS - Glycol Regenerator-Burner Stack	.425 MM BTU/hr	.425 MM BTU/hr	.425 MM BTU/hr	8760 hr/yr	8760 hr/yr
EQT 0002	5-09-GR-SCC - Glycol Regenerator-Still Column/Condenser	20 MM ft <sup>3</sup> /day	20 MM ft <sup>3</sup> /day	20 MM ft <sup>3</sup> /day	8760 hr/yr	8760 hr/yr
EQT 0003	6a-09-OST-CV - Oil Storage Tank-Common Vent	1500 bbl	146000 bbl/yr	146000 bbl/yr	8760 hr/yr	8760 hr/yr
EQT 0004	6b-09-OST-CV - Oil Storage Tank-Common Vent	1500 bbl	146000 bbl/yr	146000 bbl/yr	8760 hr/yr	8760 hr/yr
EQT 0005	6c-09-GBT-CV - Gun Barrel Tank-Common Vent	500 bbl	292000 bbl/yr	292000 bbl/yr	8760 hr/yr	8760 hr/yr
EQT 0006	6d-09-WST-CV - Water Storage Tank-Common Vent	1500 bbl	292000 bbl/yr	292000 bbl/yr	8760 hr/yr	8760 hr/yr
EQT 0007	7-09-GPFS-WG - Glycol Pump Flash Separator-Waste Gas	16.7 MM scf/yr	16.7 MM scf/yr	16.7 MM scf/yr	8760 hr/yr	8760 hr/yr
EQT 0008	8-09-F - Control Flare	23.3 MM scf/yr	23.3 MM scf/yr	23.3 MM scf/yr	8760 hr/yr	8760 hr/yr
EQT 0009	9-09-HT-WG - Heater Treater-Waste Gas	1.5 MM scf/yr	1.5 MM scf/yr	1.5 MM scf/yr	8760 hr/yr	8760 hr/yr
EQT 0010	10-09-ICE-ES - Internal Combustion Engine-Exhaust Stack (Waukesha VRG 330, LP Gas Compressor)	80 horsepower	80 horsepower	Natural Gas-Manufactured prior	8760 hr/yr	8760 hr/yr
EQT 0011	11-09-ICE-ES - Internal Combustion Engine-Exhaust Stack (General Motors 8.1L Generator)	182 horsepower	182 horsepower	Natural Gas-Manufactured prior	7/1/08	(None Specified)
EQT 0012	12-09-ICE-ES - Internal Combustion Engine-Exhaust Stack (General Motors 8.1L Generator)	182 horsepower	182 horsepower	Natural Gas-Manufactured prior	7/1/08	(None Specified)
EQT 0013	13-09-GOP - Gas Operated Pump (Chemical Injection)	.152 MM scf/yr	.152 MM scf/yr	.152 MM scf/yr	8760 hr/yr	8760 hr/yr
EQT 0014	14-09-GOP - Gas Operated Pump (Chemical Injection)	.152 MM scf/yr	.152 MM scf/yr	.152 MM scf/yr	8760 hr/yr	8760 hr/yr
EQT 0015	15-09-GOP - Gas Operated Pump (Chemical Injection)	.152 MM scf/yr	.152 MM scf/yr	.152 MM scf/yr	8760 hr/yr	8760 hr/yr
EQT 0016	16-09-GOP - Gas Operated Pump (Chemical Injection)	.152 MM scf/yr	.152 MM scf/yr	.152 MM scf/yr	8760 hr/yr	8760 hr/yr
EQT 0017	17-09-GOP - Gas Operated Pump (Wilden M4)	.235 MM scf/yr	.235 MM scf/yr	.235 MM scf/yr	52 hr/yr	52 hr/yr
EQT 0018	18-09-GOP - Gas Operated Pump (Wilden M8)	.903 MM scf/yr	.903 MM scf/yr	.903 MM scf/yr	100 hr/yr	100 hr/yr
EQT 0019	19-09-GOP - Gas Operated Pump (Wilden M2)	.117 MM scf/yr	.117 MM scf/yr	.117 MM scf/yr	52 hr/yr	52 hr/yr
EQT 0020	20-09-GOP - Gas Operated Pump (Wilden M2)	.117 MM scf/yr	.117 MM scf/yr	.117 MM scf/yr	52 hr/yr	52 hr/yr
EQT 0021	21-09-GOP - Gas Operated Pump (Wilden M4)	.235 MM scf/yr	.235 MM scf/yr	.235 MM scf/yr	52 hr/yr	52 hr/yr
EQT 0022	22-09-BV - Blowcase Vessel (Compressor Skid Fluids)	29200 gallons/yr	29200 gallons/yr	29200 gallons/yr	8760 hr/yr	8760 hr/yr
EQT 0023	23-09-PC - Pneumatic Controllers	4 MM scf/yr	4 MM scf/yr	4 MM scf/yr	8760 hr/yr	8760 hr/yr
EQT 0024	25-09-ICE-ES - Internal Combustion Engine-Exhaust Stack (Waukesha 7042GS; Wellhead Gas Compressor)	1478 horsepower	1478 horsepower	Natural Gas-Manufactured prior	7/1/07	8760 hr/yr
EQT 0025	29-09-GOP - Gas Operated Pump (Wilden M2)	.117 MM scf/yr	.117 MM scf/yr	.117 MM scf/yr	52 hr/yr	52 hr/yr
EQT 0026	30-09-GOP - Gas Operated Pump (Wilden M2)	.117 MM scf/yr	.117 MM scf/yr	.117 MM scf/yr	52 hr/yr	52 hr/yr
EQT 0027	31-09-GOP - Gas Operated Pump (Wilden M2)	.117 MM scf/yr	.117 MM scf/yr	.117 MM scf/yr	52 hr/yr	52 hr/yr
EQT 0028	32-09-BV - Blowcase Vessel (Compressor Skid Fluids)	29200 gallons/yr	29200 gallons/yr	29200 gallons/yr	8760 hr/yr	8760 hr/yr
EQT 0029	33-09-BV - Blowcase Vessel (Flare Scrubber Fluids)	1000 gallons/yr	1000 gallons/yr	1000 gallons/yr	8760 hr/yr	8760 hr/yr
FUG 0001	24-09-FE - Fugitive Emissions					

**Stack Information:**

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
Joe McHugh Field Production Facility #1							

**INVENTORIES**

AI ID: 159631 - Joe McHugh Field Production Facility #1  
 Activity Number: PER2008001  
 Permit Number: 1560-00267-00  
 Air - Minor (Synthetic) Initial

**Stack Information:**

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
<b>Joe McHugh Field Production Facility #1</b>							
EQT 0001 4-09-GR-BS	Glycol Regenerator-Burner Stack	.16	187	.5		10	500
EQT 0003 6a-09-OST-CV	Oil Storage Tank-Common Vent	.01	.03	.5		24	70
EQT 0004 6b-09-OST-CV	Oil Storage Tank-Common Vent	.01	.03	.5		24	70
EQT 0005 6c-09-GBT-CV	Gun Barrel Tank-Common Vent	.01	.01	.5		16	70
EQT 0006 6d-09-WST-CV	Water Storage Tank-Common Vent	.01	.01	.5		24	70
EQT 0008 8-09-F	Control Flare	203	239	.5		25	1500
EQT 0010 10-09-ICE-ES	Internal Combustion Engine-Exhaust Stack (Waukesha VRG 330 LP Gas Compressor)	31	360	.5		10	1000
EQT 0011 11-09-ICE-ES	Internal Combustion Engine-Exhaust Stack (General Motors 8.1 L Generator)	70	819	.5		10	1000
EQT 0012 12-09-ICE-ES	Internal Combustion Engine-Exhaust Stack (General Motors 8.1 L Generator)	70	819	.5		10	1000
EQT 0013 13-09-GOP	Gas Operated Pump (Chemical Injection)	16	.3	.02		2	70
EQT 0014 14-09-GOP	Gas Operated Pump (Chemical Injection)	16	.3	.02		2	70
EQT 0015 15-09-GOP	Gas Operated Pump (Chemical Injection)	16	.3	.02		2	70
EQT 0016 16-09-GOP	Gas Operated Pump (Chemical Injection)	16	.3	.02		2	70
EQT 0017 17-09-GOP	Gas Operated Pump (Wilden M4)	442	75	.06		2	70
EQT 0018 18-09-GOP	Gas Operated Pump (Wilden M8)	890	151	.06		2	70
EQT 0019 19-09-GOP	Gas Operated Pump (Wilden M2)	896	38	.03		2	70
EQT 0020 20-09-GOP	Gas Operated Pump (Wilden M2)	896	38	.03		2	70
EQT 0021 21-09-GOP	Gas Operated Pump (Wilden M4)	442	75	.06		2	70
EQT 0022 22-09-BV	Blowcase Vessel (Compressor Skid Fluids)	5.3	.1	.02		2	70
EQT 0023 23-09-PC	Pneumatic Controllers					70	
EQT 0024 25-09-ICE-ES	Internal Combustion Engine-Exhaust Stack (Waukesha 7042GSi Wellhead Gas Compressor)	565	6651	.5		10	1000
EQT 0025 29-09-GOP	Gas Operated Pump (Wilden M2)	896	38	.03		2	70
EQT 0026 30-09-GOP	Gas Operated Pump (Wilden M2)	896	38	.03		2	70
EQT 0027 31-09-GOP	Gas Operated Pump (Wilden M2)	896	38	.03		2	70
EQT 0028 32-09-BV	Blowcase Vessel (Compressor Skid Fluids)	5.3	.1	.02		2	70
EQT 0029 33-09-BV	Blowcase Vessel (Flare Scrubber Fluids)	.01	.01	.02		2	70
FUG 0001 24-09-FE	Fugitive Emissions					70	

**Relationships:**

ID	Description	Relationship	Vents To	ID	Description
EQT 0002	5-09-GR-SCC - Glycol Regenerator-Still Column/Condenser	EQT 0008	8-09-F - Control Flare		

**INVENTORIES**

AI ID: 159631 - Joe McHugh Field Production Facility #1  
 Activity Number: PER2008001  
 Permit Number: 1560-00267-00  
 Air - Minor (Synthetic) Initial

**Relationships:**

ID	Description	Relationship	ID	Description
EQT 0003	6a-09-OST-CV - Oil Storage Tank-Common Vent	Vents to, 98% VOC control efficiency	EQT 0008	B-09-F - Control Flare
EQT 0004	6b-09-OST-CV - Oil Storage Tank-Common Vent	Vents to, 98% VOC control efficiency	EQT 0008	B-09-F - Control Flare
EQT 0005	6c-09-GBT-CV - Gun Barrel Tank-Common Vent	Vents to, 98% VOC control efficiency	EQT 0008	B-09-F - Control Flare
EQT 0006	6d-09-WST-CV - Water Storage Tank-Common Vent	Vents to, 98% VOC control efficiency	EQT 0008	B-09-F - Control Flare
EQT 0007	7-09-GPF-S-WG - Glycol Pump Flash Separator-Waste Gas	Vents to, 98% VOC control efficiency	EQT 0008	B-09-F - Control Flare
EQT 0009	9-09-HT-WG - Heater Treater-Waste Gas	Vents to, 98% VOC control efficiency	EQT 0008	B-09-F - Control Flare

**Subject Item Groups:**

ID	Group Type	Group Description
GRP 0001	Equipment Group	CAP1 - Generators
UNF 0001	Unit or Facility Wide	UNF - Joe McHugh Field Production Facility #1

**Group Membership:**

ID	Description	Member of Groups
EQT 0011	11-09-ICE-ES - Internal Combustion Engine-Exhaust Stack (General Motors 8.1L; Generator)	GRP0000000001
EQT 0012	12-09-ICE-ES - Internal Combustion Engine-Exhaust Stack (General Motors 8.1L; Generator)	GRP0000000001

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

**Annual Maintenance Fee:**

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
0050	0050 Natural Gas Liquids Per Unit	1	Unis
1311	Crude petroleum and natural gas		UNF 001

**EMISSION RATES FOR CRITERIA POLLUTANTS**

**AI ID: 159631 - Joe McHugh Field Production Facility #1**  
**Activity Number: PER2008001**  
**Permit Number: 1560-00267-00**  
**Air - Minor (Synthetic) Initial**

Subject Item	CO			NOx			PM 10			SO2			VOC			
	Avg lb/hr	Max lb/hr	Tons/Year													
<b>Joe McHugh Field Production Facility #1</b>																
EQT 0001 4-08-GR-B5	0.04	0.04	0.19	0.05	0.05	0.23	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	
EQT 0003 6s-09-0ST-CV														0.21	15.24	0.93
EQT 0004 6s-09-0ST-CV														0.21	15.24	0.93
EQT 0005 6s-09-GBT-CV														<0.01	0.03	<0.01
EQT 0006 6s-09-WST-CV														0.01	0.11	0.04
EQT 0008 6-09-F	1.08	1.08	4.72	0.54	0.54	2.36	0.03	0.13	<0.01	<0.01	0.01	0.01	1.39	1.39	6.07	
EQT 0010 10-09-ICE-ES	1.59	1.98	6.95	1.59	1.98	6.95	0.01	0.01	0.04	<0.01	<0.01	<0.01	0.05	0.06	0.06	0.20
EQT 0011 11-09-ICE-ES	9.31	9.31		5.68				0.02					<0.01			0.13
EQT 0012 12-09-ICE-ES	9.31	9.31		5.68				0.02					<0.01			0.13
EQT 0013 13-09-GOP														0.10	0.10	0.43
EQT 0014 14-09-GOP														0.10	0.10	0.43
EQT 0015 15-09-GOP														0.10	0.10	0.43
EQT 0016 16-09-GOP														0.10	0.10	0.43
EQT 0017 17-09-GOP														25.28	25.28	0.66
EQT 0018 18-09-GOP														50.56	50.56	2.53
EQT 0019 19-09-GOP														12.64	12.64	0.33
EQT 0020 20-09-GOP														12.64	12.64	0.33
EQT 0021 21-09-GOP														25.28	25.28	0.66
EQT 0022 22-09-BV														0.03	0.29	0.12
EQT 0023 23-09-BC														2.53	2.53	11.08
EQT 0024 25-09-ICE-ES	9.78	12.22	42.82	9.78	12.22	42.82	0.16	0.16	0.71	0.01	0.01	0.04	0.86	1.08	3.77	
EQT 0025 26-09-GOP														12.64	12.64	0.33
EQT 0026 30-09-GOP														12.64	12.64	0.33

**EMISSION RATES FOR CRITERIA POLLUTANTS**

AI ID: 159631 - Joe McHugh Field Production Facility #1  
 Activity Number: PER20080001  
 Permit Number: 1560-00267-00  
 Air - Minor (Synthetic) Initial

Subject Item	CO			NOx			PM10			SO2			VOC			
	Avg lb/hr	Max lb/hr	Tons/Year													
<b>Joe McHugh Field Production Facility #1</b>																
EQT 0027 31-09-COP															12.64	12.64
EQT 0028 32-09-BV															0.03	0.29
EQT 0029 33-09-BV															<0.01	0.04
FUG 0001 24-09-FE															0.80	0.80
GRP 0001 Cap1	8.50		37.24	5.19		22.73	0.02		0.10	<0.01		0.01	0.12		0.53	

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 159631 - Joe McHugh Field Production Facility #1

Activity Number: PER20080001

Permit Number: 1560-00267-00

Air - Minor (Synthetic) Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0003 6a-09-OST-CV	n-Hexane	<0.01	0.06	<0.01
EQT 0004 6b-09-OST-CV	n-Hexane	<0.01	0.06	<0.01
EQT 0006 6d-09-WST-CV	n-Hexane	<0.01	0.01	<0.01
EQT 0008 8-09-F	2,2,4-Trimethylpentane	<0.01	<0.01	0.01
	Benzene	0.03	0.03	0.12
	Ethyl benzene	<0.01	<0.01	0.01
	Toluene	0.02	0.02	0.11
	Xylene (mixed isomers)	0.01	0.01	0.04
	n-Hexane	0.03	0.03	0.13
EQT 0010 10-09-ICE-ES	Benzene	<0.01	<0.01	0.02
	Formaldehyde	0.01	0.01	0.04
	Methanol	<0.01	<0.01	0.01
	Toluene	<0.01	<0.01	0.01
EQT 0011 11-09-ICE-ES	Benzene		0.01	
	Formaldehyde		0.02	
	Methanol		<0.01	
	Toluene		<0.01	
EQT 0012 12-09-ICE-ES	Benzene		0.01	
	Formaldehyde		0.02	
	Methanol		<0.01	
	Toluene		<0.01	
EQT 0013 13-09-GOP	Benzene	<0.01	<0.01	0.01
	Toluene	<0.01	<0.01	0.01
	n-Hexane	<0.01	<0.01	0.01
EQT 0014 14-09-GOP	Benzene	<0.01	<0.01	0.01
	Toluene	<0.01	<0.01	0.01
	n-Hexane	<0.01	<0.01	0.01
EQT 0015 15-09-GOP	Benzene	<0.01	<0.01	0.01
	Toluene	<0.01	<0.01	0.01
	n-Hexane	<0.01	<0.01	0.01
EQT 0016 16-09-GOP	Benzene	<0.01	<0.01	0.01
	Toluene	<0.01	<0.01	0.01
	n-Hexane	<0.01	<0.01	0.01

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 159631 - Joe McHugh Field Production Facility #1

Activity Number: PER20080001

Permit Number: 1560-00267-00

Air - Minor (Synthetic) Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0017 17-09-GOP	2,2,4-Trimethylpentane	0.09	0.09	<0.01
	Benzene	0.30	0.30	0.01
	Ethyl benzene	0.04	0.04	<0.01
	Toluene	0.31	0.31	0.01
	Xylene (mixed isomers)	0.20	0.20	0.01
	n-Hexane	0.74	0.74	0.02
EQT 0018 18-09-GOP	2,2,4-Trimethylpentane	0.18	0.18	0.01
	Benzene	0.60	0.60	0.03
	Ethyl benzene	0.08	0.08	<0.01
	Toluene	0.63	0.63	0.03
	Xylene (mixed isomers)	0.40	0.40	0.02
	n-Hexane	1.47	1.47	0.07
EQT 0019 19-09-GOP	2,2,4-Trimethylpentane	0.05	0.05	<0.01
	Benzene	0.15	0.15	<0.01
	Ethyl benzene	0.02	0.02	<0.01
	Toluene	0.16	0.16	<0.01
	Xylene (mixed isomers)	0.10	0.10	<0.01
	n-Hexane	0.37	0.37	0.01
EQT 0020 20-09-GOP	2,2,4-Trimethylpentane	0.05	0.05	<0.01
	Benzene	0.15	0.15	<0.01
	Ethyl benzene	0.02	0.02	<0.01
	Toluene	0.16	0.16	<0.01
	Xylene (mixed isomers)	0.10	0.10	<0.01
	n-Hexane	0.37	0.37	0.01
EQT 0021 21-09-GOP	2,2,4-Trimethylpentane	0.09	0.09	<0.01
	Benzene	0.30	0.30	0.01
	Ethyl benzene	0.04	0.04	<0.01
	Toluene	0.31	0.31	0.01
	Xylene (mixed isomers)	0.20	0.20	0.01
	n-Hexane	0.74	0.74	0.02
EQT 0022 22-09-BV	n-Hexane	<0.01	0.01	<0.01
EQT 0023 23-09-PC	2,2,4-Trimethylpentane	0.01	0.01	0.04
	Benzene	0.03	0.03	0.13

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 159631 - Joe McHugh Field Production Facility #1

Activity Number: PER20080001

Permit Number: 1560-00267-00

Air - Minor (Synthetic) Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0023 23-09-PC	Ethyl benzene	<0.01	<0.01	0.02
	Toluene	0.03	0.03	0.14
	Xylene (mixed isomers)	0.02	0.02	0.09
	n-Hexane	0.07	0.07	0.32
EQT 0024 25-09-ICE-ES	Benzene	0.07	0.07	0.32
	Formaldehyde	0.16	0.16	0.71
	Methanol	0.02	0.02	0.10
	Toluene	0.02	0.02	0.10
	Xylene (mixed isomers)	0.01	0.01	0.02
EQT 0025 29-09-GOP	2,2,4-Trimethylpentane	0.05	0.05	<0.01
	Benzene	0.15	0.15	<0.01
	Ethyl benzene	0.02	0.02	<0.01
	Toluene	0.16	0.16	<0.01
	Xylene (mixed isomers)	0.10	0.10	<0.01
	n-Hexane	0.37	0.37	0.01
EQT 0026 30-09-GOP	2,2,4-Trimethylpentane	0.05	0.05	<0.01
	Benzene	0.15	0.15	<0.01
	Ethyl benzene	0.02	0.02	<0.01
	Toluene	0.16	0.16	<0.01
	Xylene (mixed isomers)	0.10	0.10	<0.01
	n-Hexane	0.37	0.37	0.01
EQT 0027 31-09-GOP	2,2,4-Trimethylpentane	0.05	0.05	<0.01
	Benzene	0.15	0.15	<0.01
	Ethyl benzene	0.02	0.02	<0.01
	Toluene	0.16	0.16	<0.01
	Xylene (mixed isomers)	0.10	0.10	<0.01
	n-Hexane	0.37	0.37	0.01
EQT 0028 32-09-BV	n-Hexane	<0.01	0.01	<0.01
FUG 0001 24-09-FE	2,2,4-Trimethylpentane	<0.01	<0.01	0.01
	Benzene	0.01	0.01	0.02
	Toluene	0.01	0.01	0.03
	Xylene (mixed isomers)	<0.01	<0.01	0.02
	n-Hexane	0.01	0.01	0.06

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 159631 - Joe McHugh Field Production Facility #1

Activity Number: PER20080001

Permit Number: 1560-00267-00

Air - Minor (Synthetic) Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0001 CAP1	Benzene	0.01		0.04
	Formaldehyde	0.02		0.08
	Methanol	<0.01		0.01
	Toluene	<0.01		0.01
UNF 0001 UNF	2,2,4-Trimethylpentane			0.07
	Benzene			0.74
	Ethyl benzene			0.03
	Formaldehyde			0.83
	Methanol			0.12
	Toluene			0.49
	Xylene (mixed isomers)			0.21
	n-Hexane			0.73

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

**SPECIFIC REQUIREMENTS**

AI ID: 159631 - Joe McHugh Field Production Facility #1  
**Activity Number:** PER20080001  
**Permit Number:** 1560-00267-00  
**Air - Minor (Synthetic) Initial**

**EQT 0001 4-09-GR-BS - Glycol Regenerator-Burner Stack**

1 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: None specified

2 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: None specified

**EQT 0002 5-09-GR-SCC - Glycol Regenerator-Still Column/Condenser**

Maintain records as specified in 40 CFR 63.10(b)(3). Subpart HH. [40 CFR 63.760(e)]  
 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the information specified in 40 CFR 63.774(d)(1)(i) or (d)(1)(ii), as applicable. Subpart HH. [40 CFR 63.774(d)] VOC, Total >= 85 % reduction using a control device. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D.  
 Which Months: All Year Statistical Basis: None specified  
 Determine compliance with LAC 33:III.2116.B using the methods in LAC 33:III.2116.D.1-5, as appropriate.  
 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2116.F.1.

**EQT 0008 8-09-F - Control Flare**

8 [LAC 33:III.1105] Submit notification: Due to SPOC as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:1.3923. Notification is required only if the upset cannot be controlled in six hours.  
 Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets.  
 Which Months: All Year Statistical Basis: None specified  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: Six-minute average  
 VOC, Total >= 85 % reduction. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D.  
 Which Months: All Year Statistical Basis: None specified  
 Presence of a flame monitored by visual inspection/determination daily.  
 Which Months: All Year Statistical Basis: None specified  
 Flare gas: Heat content > 300 BTU/scf.  
 Which Months: All Year Statistical Basis: None specified  
 Determine compliance with LAC 33:III.2116.B using the methods in LAC 33:III.2116.D.1-5, as appropriate.  
 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2116.F.1 and 2.

**SPECIFIC REQUIREMENTS**

AI ID: 159631 - Joe McHugh Field Production Facility #1  
**Activity Number:** PER20080001  
**Permit Number:** 1560-00267-00  
**Air - Minor (Synthetic) Initial**

**EQT 0008 8-09-F - Control Flare**

- 16 [LAC 33:III.501.C.6] Flare gas: Heat content monitored by gas analysis annually, to insure the heat content is above 300 BTU/scf.  
 Which Months: All Year Statistical Basis: None specified  
 Presence of a flame recordkeeping by electronic or hard copy continuously.  
 Develop a corrective action plan for re-lighting the flare. Plan must be kept readily available for immediate implementation in the event the flare needs to be re-lit.
- 17 [LAC 33:III.501.C.6] Presence of a flame monitored by heat sensing device continuously.  
 Which Months: All Year Statistical Basis: None specified
- 18 [LAC 33:III.501.C.6] Flare gas: Heat content > 300 BTU/scf, to ensure destruction of emissions to the flare stack.  
 Which Months: All Year Statistical Basis: None specified
- 19 [LAC 33:III.501.C.6] Flare gas: Heat content recordkeeping by electronic or hard copy annually.  
 Which Months: All Year Statistical Basis: None specified
- 20 [LAC 33:III.501.C.6] Flare gas: Heat content > 300 BTU/scf, to ensure destruction of emissions to the flare stack.  
 Which Months: All Year Statistical Basis: None specified
- 21 [LAC 33:III.501.C.6] Flare gas: Heat content recordkeeping by electronic or hard copy annually.  
 Which Months: All Year Statistical Basis: None specified

**EQT 0009 9-09-HT-WG - Heater Treater-Waste Gas**

- 22 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: None specified  
 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: None specified
- 23 [LAC 33:III.1313.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: Six-minute average

**EQT 0010 10-09-ICE-ES - Internal Combustion Engine-Exhaust Stack (Waukesha VRG 330, LP Gas Compressor)**

- 24 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: None specified  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: Six-minute average
- 25 [LAC 33:III.1311.C]

**EQT 0024 25-09-ICE-ES - Internal Combustion Engine-Exhaust Stack (Waukesha 7042GSI; Wellhead Gas Compressor)**

- 26 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

AI ID: 159631 - Joe McHugh Field Production Facility #1  
 Activity Number: PER20080001  
 Permit Number: 1560-00267-00  
 Air - Minor (Synthetic) Initial

**EQT 0024 25-09-ICE-ES - Internal Combustion Engine-Exhaust Stack (Waukesha 7042GSI; Wellhead Gas Compressor)**

- 27 [LAC 33:II.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: Six-minute average

**FUG 0001 24-09-FE - Fugitive Emissions**

- 28 [40 CFR 60.632(a)] Comply with the requirements specified in 40 CFR 60.482-1(a), (b), and (d) and 40 CFR 60.482-2 through 60.482-10, except as provided in 40 CFR 60.633, as soon as practicable, but no later than 180 days after initial startup. Subpart KKK. [40 CFR 60.632(a)]
- 29 [40 CFR 60.632(d)] Comply with the provisions of 40 CFR 60.485 except as provided in 40 CFR 60.632(f) and 60.633(h). Subpart KKK. [40 CFR 60.632(d)]
- 30 [40 CFR 60.632(c)] Comply with the provisions of 40 CFR 60.486 and 60.487 except as provided in 40 CFR 60.633, 60.635, and 60.636. Subpart KKK. [40 CFR 60.632(e)]
- 31 [40 CFR 60.632(f)] Demonstrate that a piece of equipment is not in VOC service or in wet gas service by using the specified methods. Subpart KKK. [40 CFR 60.632(f)]
- 32 [40 CFR 60.633(b)(3)] Pressure relief devices in gas/vapor service: When a leak is detected, make a first attempt at repair no later than 5 calendar days after each leak is detected and complete repairs no later than 15 calendar days after it is detected, except as provided in 40 CFR 60.482-9. Subpart KKK. [40 CFR 60.633(b)(3)]
- 33 [40 CFR 60.633(b)] Pressure relief devices in gas/vapor service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly and within 5 days after each pressure release to detect leaks by the methods specified in 40 CFR 60.485(b) except as provided in 40 CFR 60.632(c), 60.633(b)(4), and 60.482-4(a) through (c) of Subpart VV. If an instrument reading of 10,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 60.633(b)(3). Subpart KKK. [40 CFR 60.633(b)]
- Which Months: All Year Statistical Basis: None specified
- Pressure relief devices in gas/vapor service: When each leak is detected as specified in 40 CFR 60.633(b)(2), attach a weatherproof and readily visible identification, marked with the equipment identification number, to the leaking equipment. Subpart KKK. [40 CFR 60.633(b)(1)]
- Pressure relief devices in gas/vapor service: Equipment/operational data recordkeeping by logbook upon each occurrence of leak detection. Keep records of the information specified in 40 CFR 60.635(b)(2)(i) through (b)(2)(x), as applicable. Keep records for 2 years in a readily accessible location. Subpart KKK. [40 CFR 60.635(b)(2)]
- Compressors: Equipment/operational data recordkeeping by logbook at the approved frequency. Record and keep information and data used to demonstrate that a reciprocating compressor is in wet gas service in a readily accessible location for use in determining exemptions as provided in 40 CFR 60.633(f). Subpart KKK. [40 CFR 60.635(c)]
- Pressure relief devices in gas/vapor service: Include the following information in the initial semiannual report in addition to the information required in 40 CFR 60.487(b)(1) through (4): Number of pressure relief devices subject to the requirements of 40 CFR 60.633(b) except for those pressure relief devices designated for no detectable emissions under the provisions of 40 CFR 60.482-4(a) and those pressure relief devices complying with 40 CFR 60.482-4(c). Subpart KKK. [40 CFR 60.636(b)]
- Pressure relief devices in gas/vapor service: Include the following information in all semiannual reports in addition to the information required in 40 CFR 60.487(c)(2)(i) through (vi): Number of pressure relief devices for which leaks were detected as required in 40 CFR 60.633(b)(2) and number of pressure relief devices for which leaks were not repaired as required in 40 CFR 60.633(b)(3). Subpart KKK. [40 CFR 60.636(c)]

**SPECIFIC REQUIREMENTS**

AI ID: 159631 - Joe McHugh Field Production Facility #1  
**Activity Number:** PER20080001  
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**Air - Minor (Synthetic) Initial**

**FUG 0001 24-09-FE - Fugitive Emissions**

39 [LAC 33:III.2111]

Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.

**GRP 0001 CAP1 - Generators**

Group Members: EQT 0011EQT 0012

40 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

41 [LAC 33:III.1311.C] Which Months: All Year Statistical Basis: None specified Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average Equipment/operational data <= 10000 hr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total hours of operation exceeds the maximum listed in this specific condition for any twelve consecutive month period.

42 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: None specified Equipment/operational data monitored by technically sound method continuously. Which Months: All Year Statistical Basis: None specified Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total operating hours each month, as well as the total of operation for the last twelve months. Make records available for inspection by DEQ personnel.

**UNF 0001 UNF - Joe McHugh Field Production Facility #1**

45 [40 CFR 60.] All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.

46 [40 CFR 63.] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 2 of 40 CFR 63 Subpart HH. Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.

47 [LAC 33:III.1103] Outdoor burning of waste material or other combustible material is prohibited. Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.

48 [LAC 33:III.1109.B] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.

49 [LAC 33:III.1303.B]

50 [LAC 33:III.2113.A]

**SPECIFIC REQUIREMENTS**

AI ID: 159631 - Joe McHugh Field Production Facility #1  
**Activity Number:** PER20080001  
**Permit Number:** 1560-00267-00  
**Air - Minor (Synthetic) Initial**

**UNF 0001 UNF - Joe McHugh Field Production Facility #1**

- 51 [LAC 33:III.219] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 52 [LAC 33:III.2901.D] Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.
- 53 [LAC 33:III.2901.F] If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G.
- 54 [LAC 33:III.537] Comply with the Louisiana General Conditions as set forth in LAC 33:III.537.
- 55 [LAC 33:III.5611.A] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
- 56 [LAC 33:III.5611.B] During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.